

# FIGURE 1

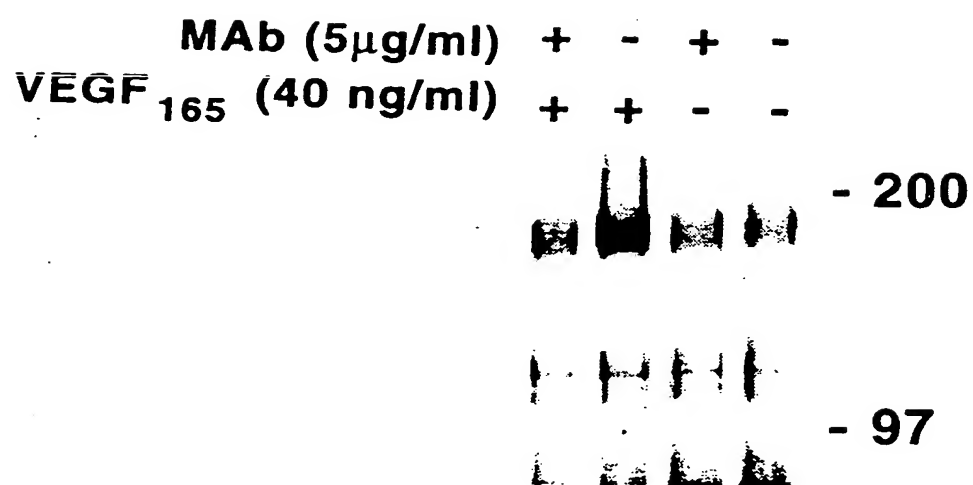
Western Blot of Flk-1/SEAPS Immunoprecipitation with MAb  
DC101

Flk-1  
AP



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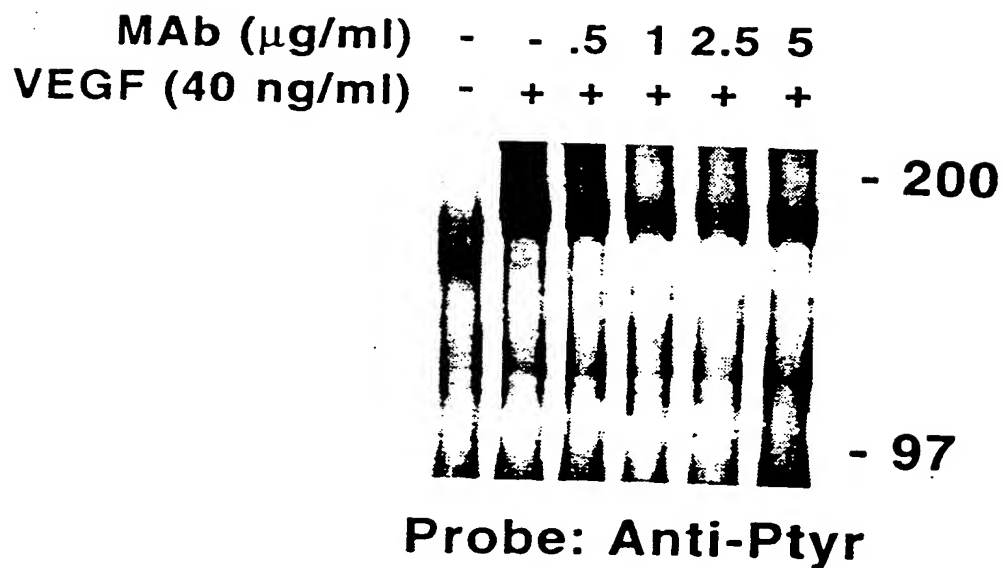
## FIGURE 2A



Probe: Anti-Ptyr

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## FIGURE 2B





SECRET

## FIGURE 3A

MAb (5 $\mu$ g/ml)  
VEGF (ng/ml)

+	+	+	+	-	-	-	-	+
80	40	20	10	80	40	20	10	-



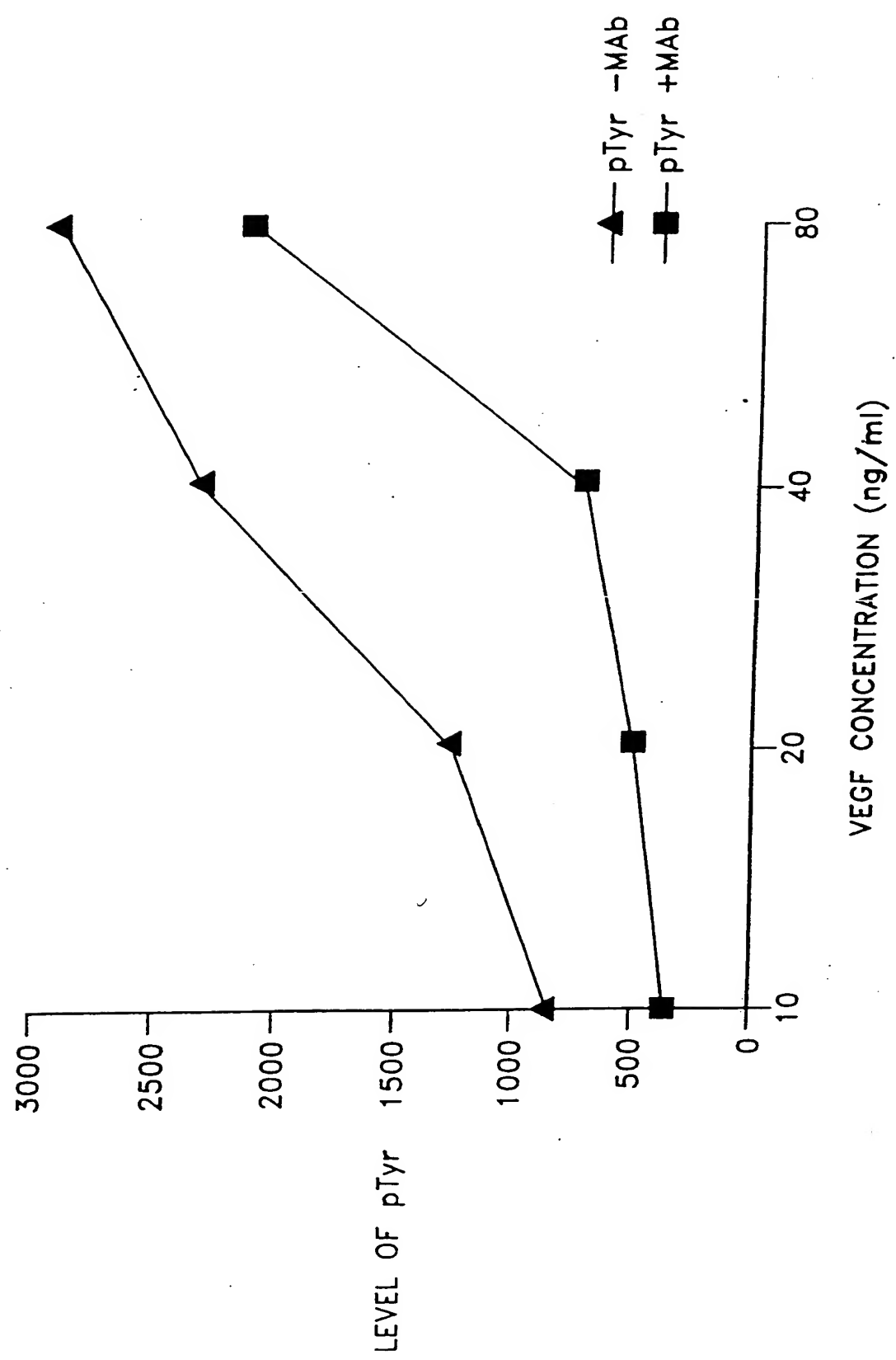
- 200

Anti-Ptyr

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FIGURE 3B



# FIGURE 4

Inhibition of VEGF-Flk-1/fms activation by pre-bound MAb DC101

Assay conditions:

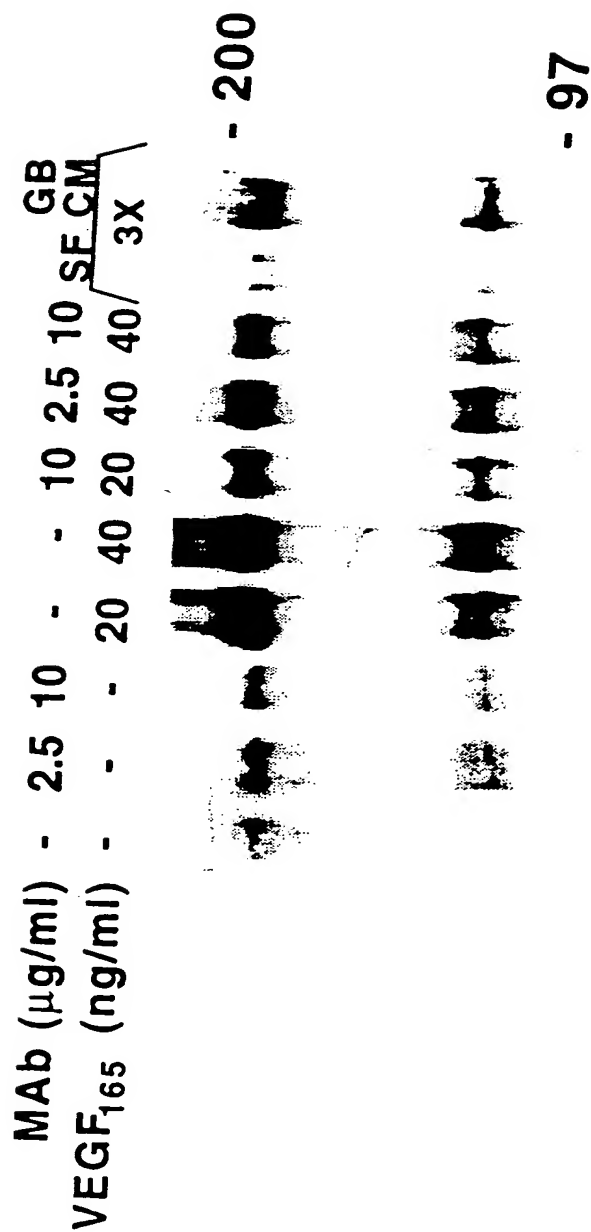
					<b>P</b>	<b>C</b>
MAb (5μg/ml):	-	+	-	-	$\sqrt{+}$	$\sqrt{+}$
VEGF (ng/ml):	-	-	20	40	40	40



Probe: Anti-Ptyr

Assay conditions: P: MAb pre-bound 15'; VEGF 15'  
 C: Competitive assay; MAb  
 + VEGF 15'

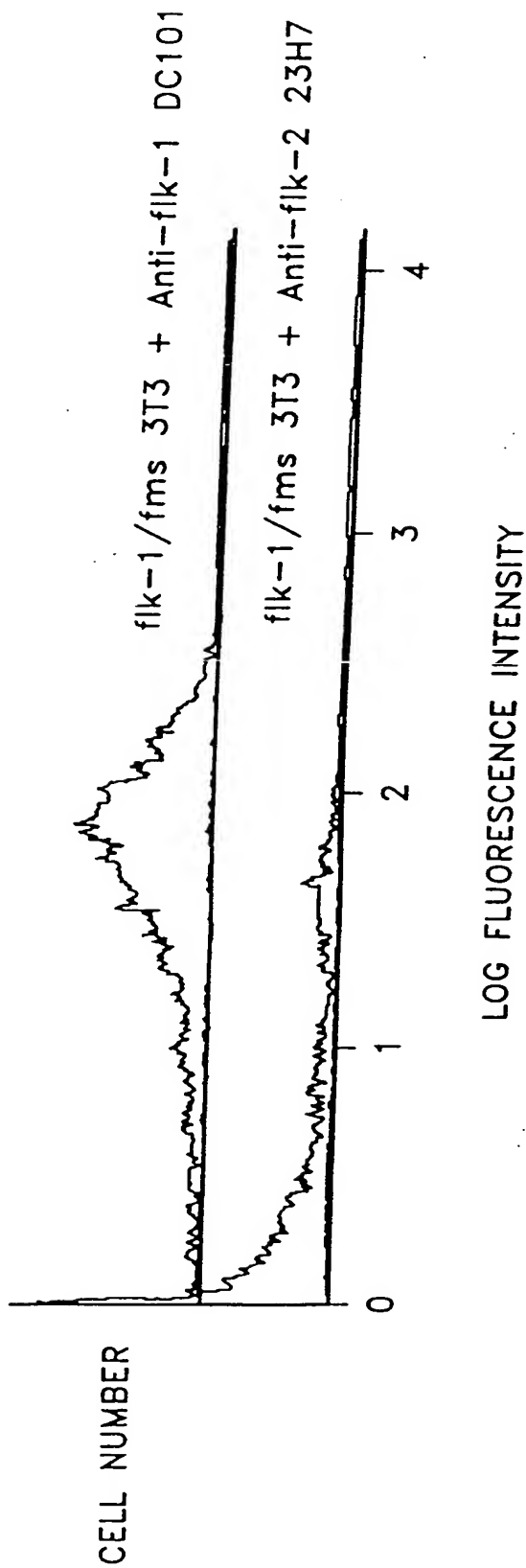
# FIGURE 5



Probe: Anti-Ptyr

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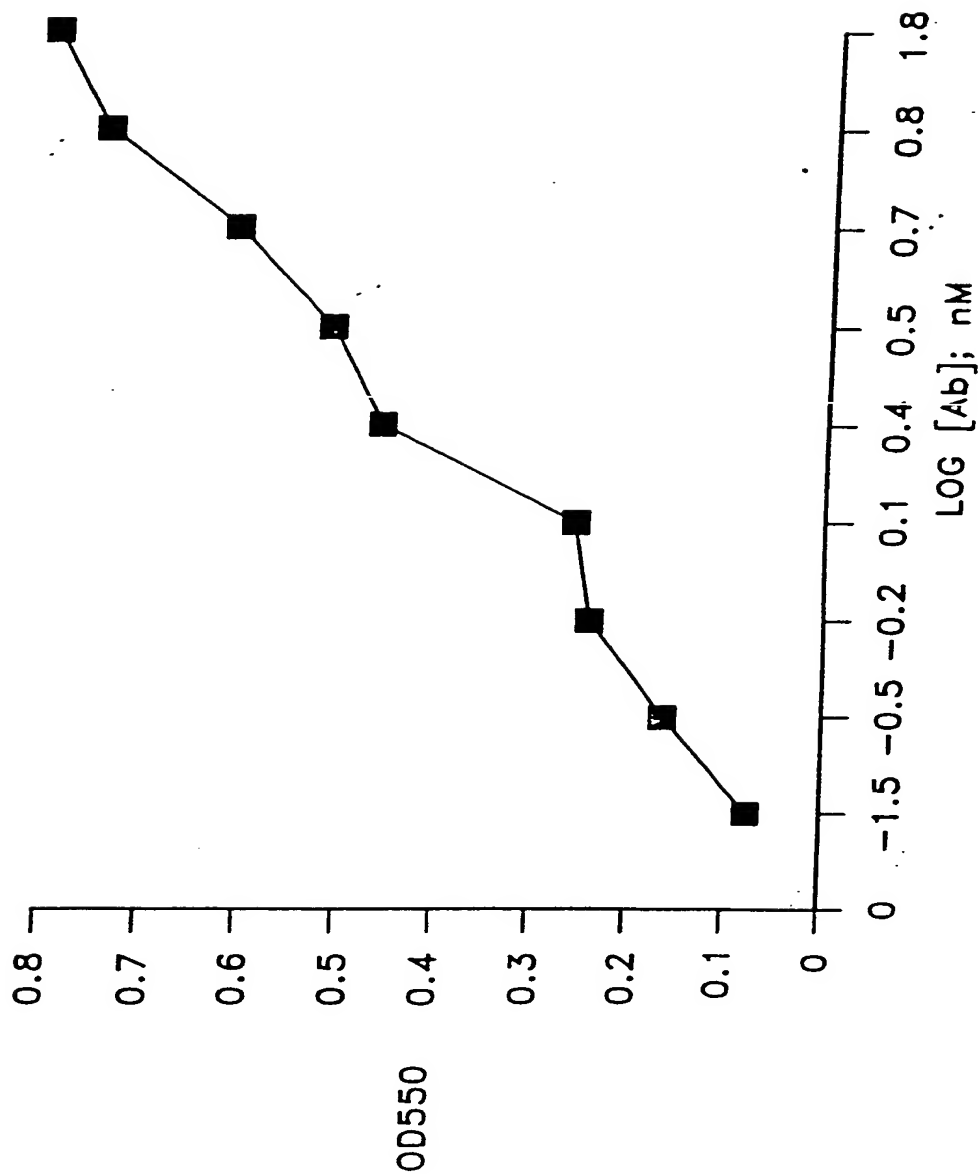
**FIGURE 6** FACS ANALYSIS OF Anti-flk-1 MAb BINDING TO flk-1/fms TRANSFECTED 3T3 CELLS (C441)





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FIGURE 7 SATURATION BINDING OF MAb DC101 TO THE  
flk-1/fms RECEPTOR ON THE TRANSFECTED 3T3 CELL LINE C441



## FIGURE 8

Immunoprecipitation of phosphorylated Flk-1/fms from  
VEGF stimulated Flk-1/fms transfected 3T3 cells

Antibody: 1 2 3 4

 - 200

Anti-pTyr

- Antibodies:
- 1) Rat anti-flk-2 IgG<sub>2a</sub> 2A13
  - 2) Rat anti-flk-1 IgG<sub>1</sub> DC101
  - 3) Rat anti-flk-2 IgG<sub>1</sub> 23H7
  - 4) Rabbit anti-fms polyclonal IM 133

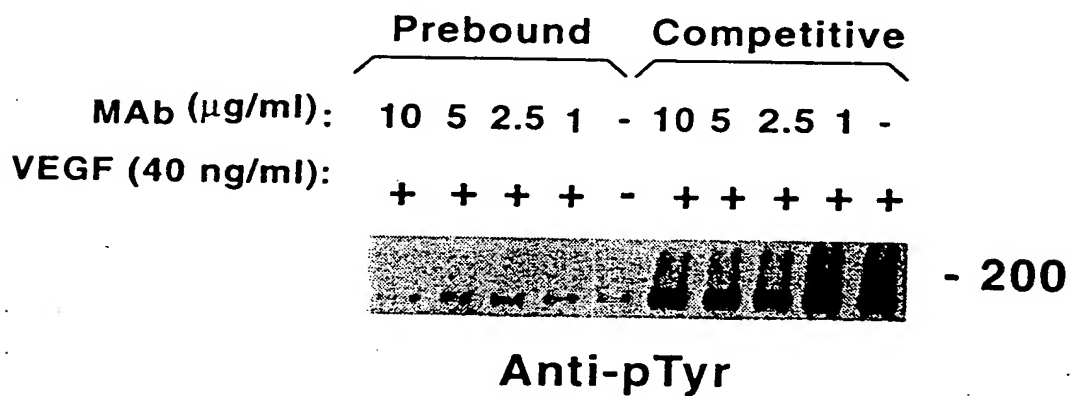
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Date of Issue: 08/23/02

## FIGURE 9

Sensitivity of VEGF induced phosphorylation of the Flk-1/fms receptor to inhibition by MAb DC101



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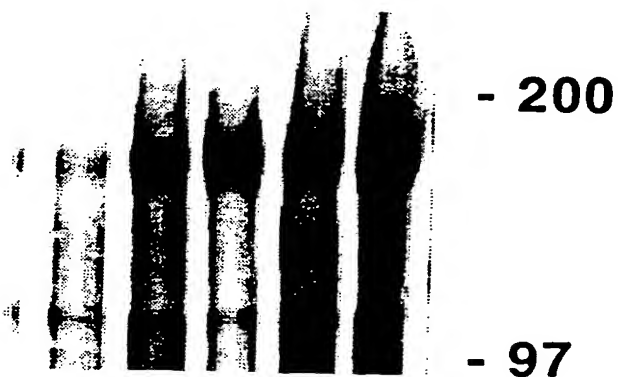


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## FIGURE 10

Effect of MAb DC101 on CSF-1 induced phosphorylation of the fms receptor

MAb (5 $\mu$ g/ml)	-	+	-	-	+	+
CSF-1 (ng/ml)	-	-	20	40	20	40

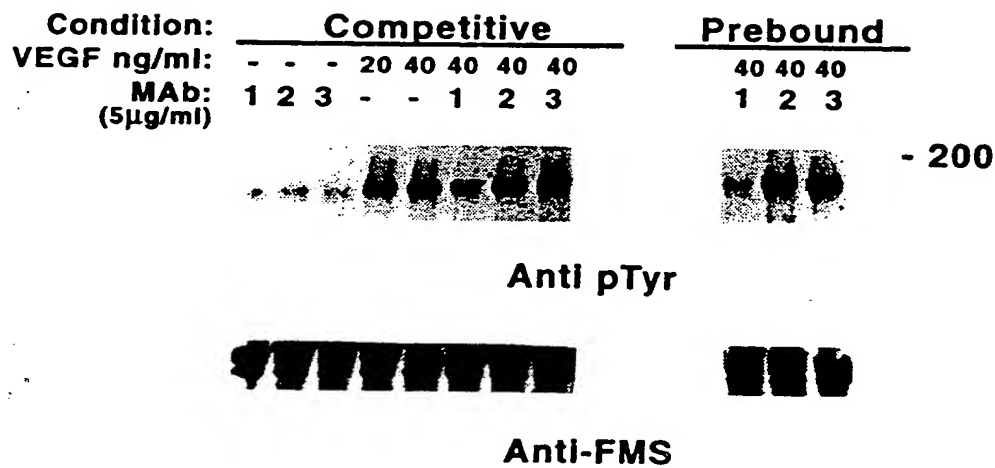


Probe: Anti-Ptyr

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# FIGURE 11

Specificity of MAb DC101 neutralization of the activated Flk-1/fms receptor



Rat MAbs: 1) Anti-flk-1 IgG<sub>1</sub> DC101  
 2) Anti-flk-2 IgG<sub>1</sub> 23H7  
 3) Anti-flk-2 IgG<sub>2a</sub> 2A13

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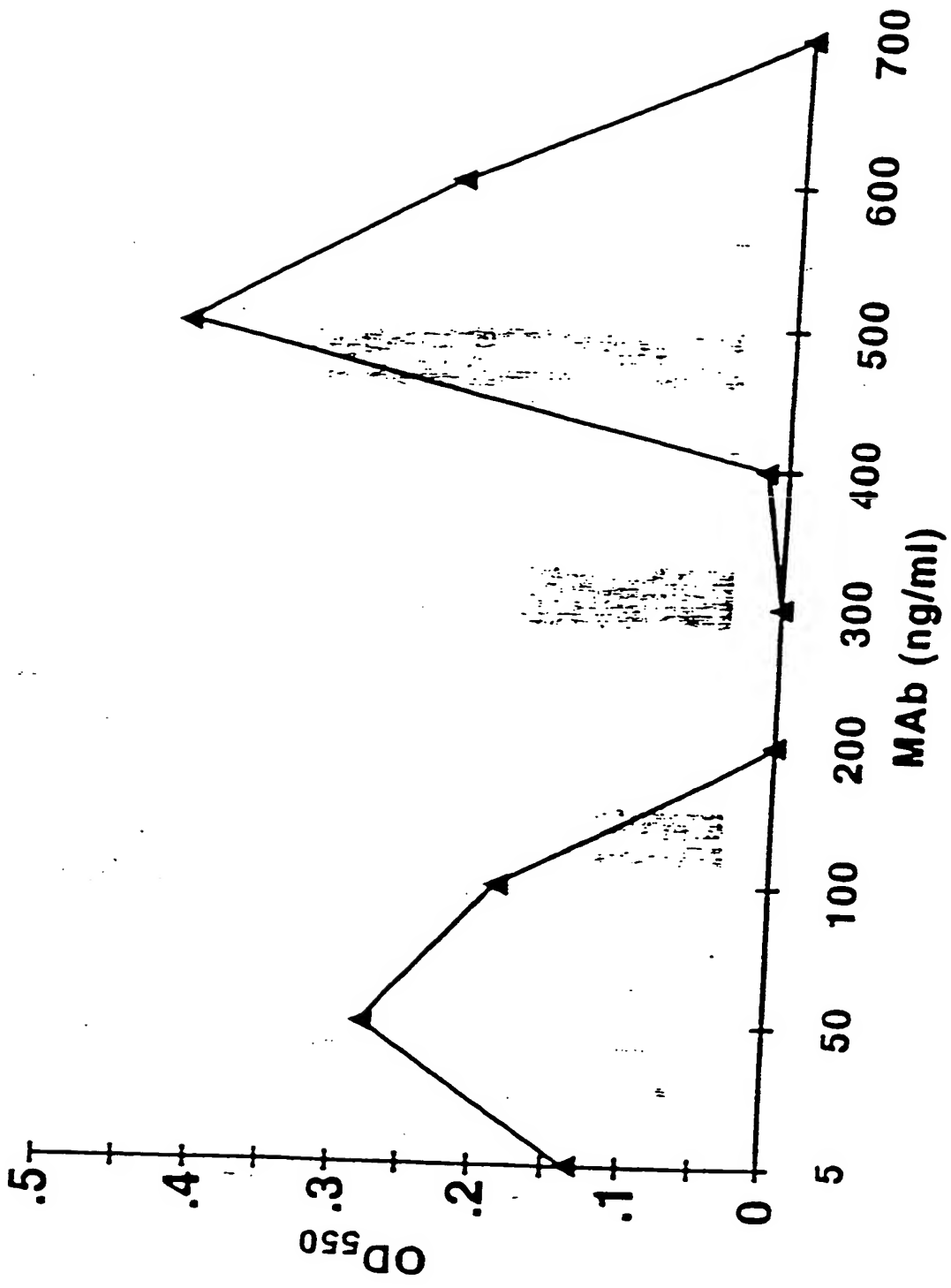
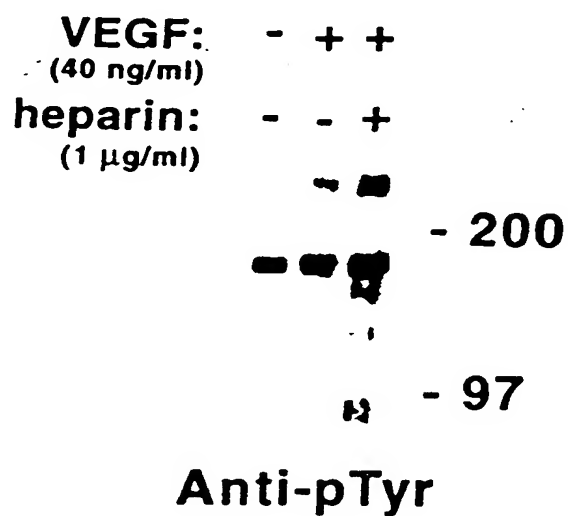


Figure 12

# FIGURE 13

Immunoprecipitation of phosphorylated receptor bands from  
VEGF stimulated HUVEC cells

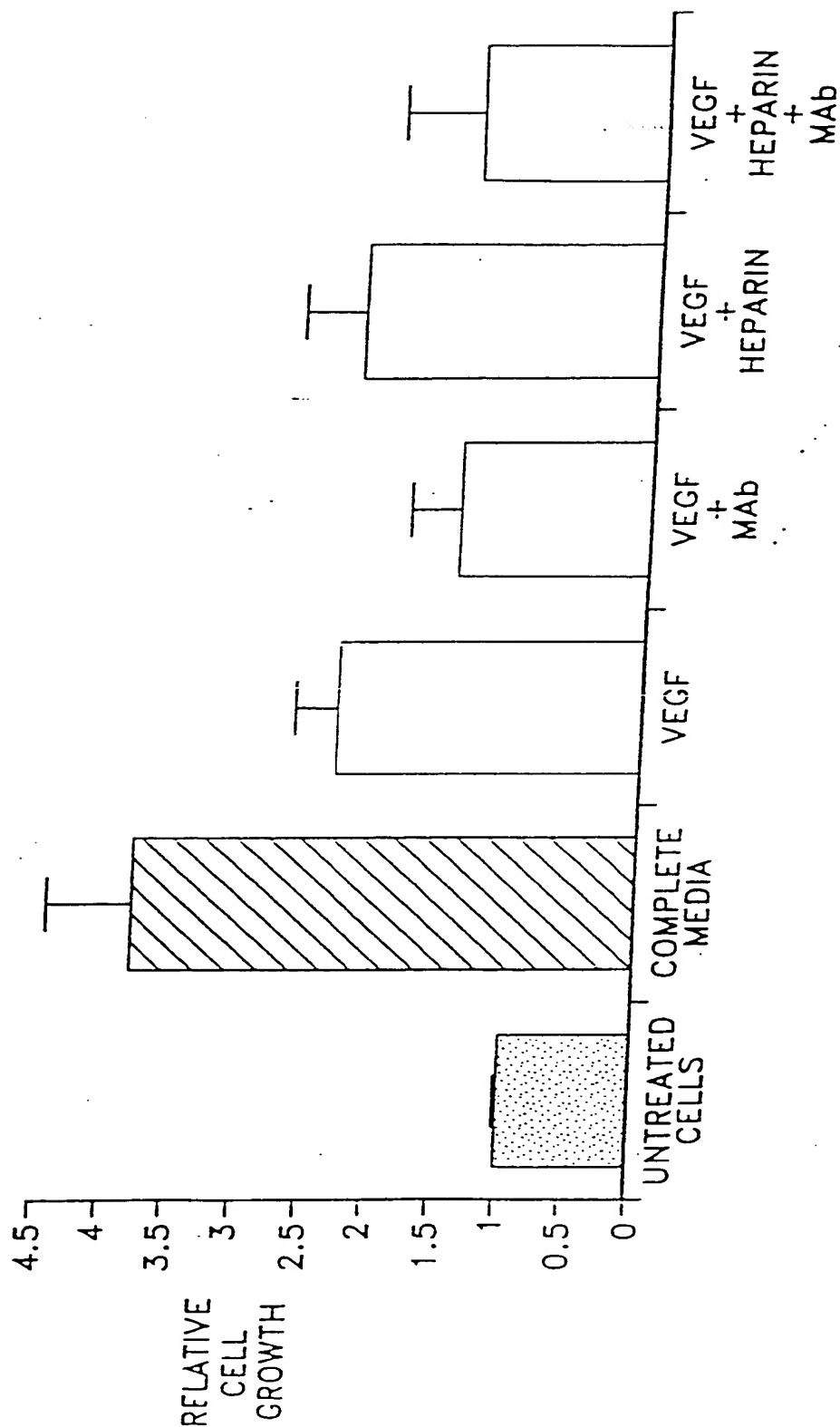


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FIGURE 14

CONTROL 10% FBS+EC SUPPLEMENT VEGF





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# Effect of MAb DC101 on VEGF Receptor Forms in the Tumor Cell Lines A431 and 8161

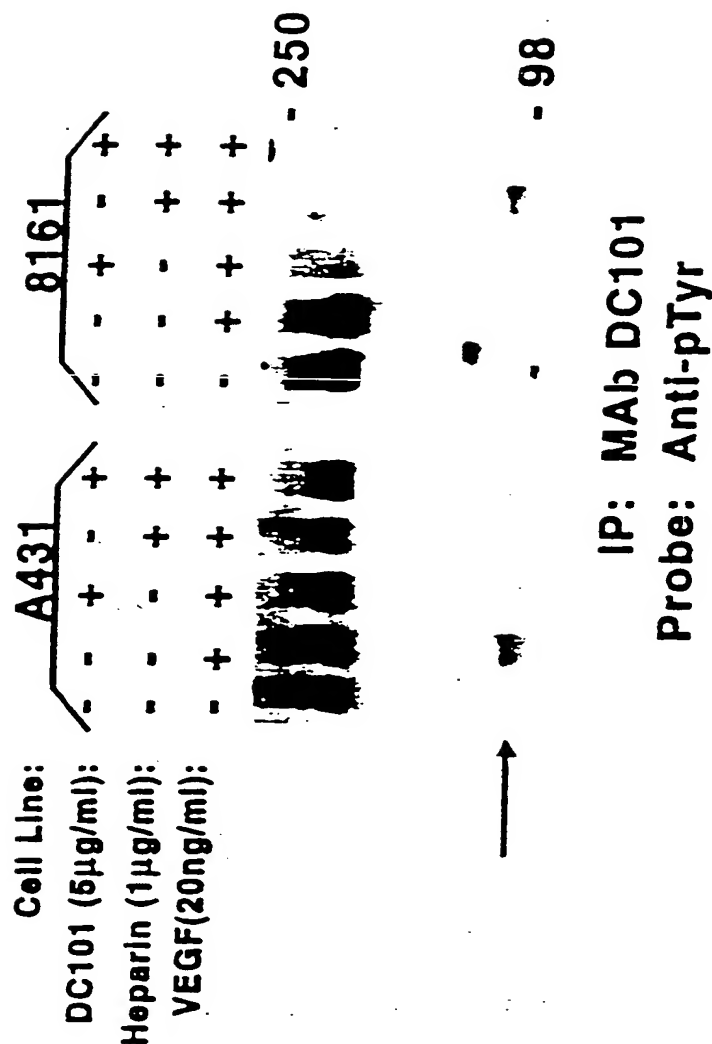
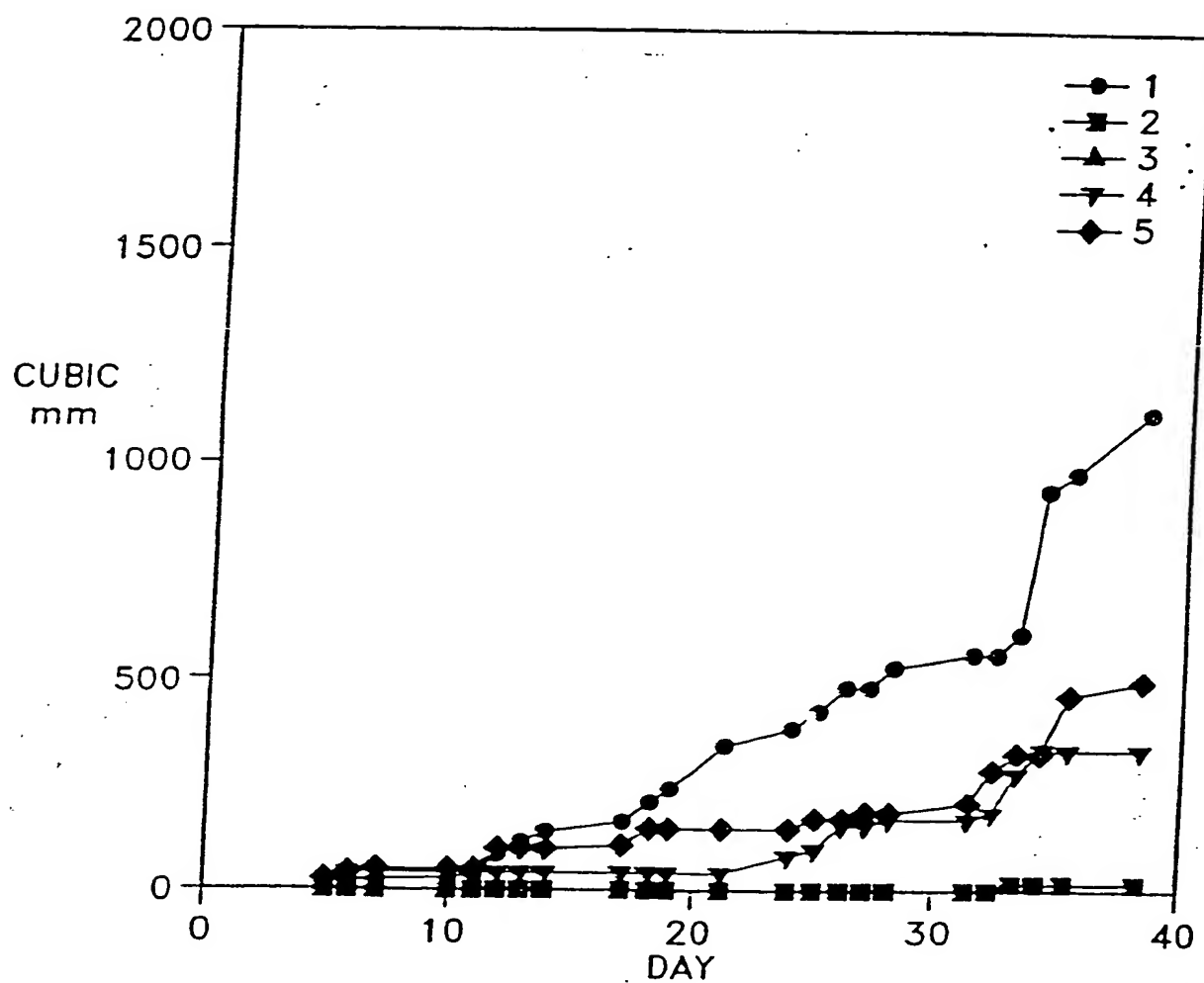


Figure 15



FIGURE 16A

TREATMENT OF GLIOBLASTOMA  
XENOGRAPHS WITH RAT anti-flk-1 Mab



STATISTICAL ANALYSIS

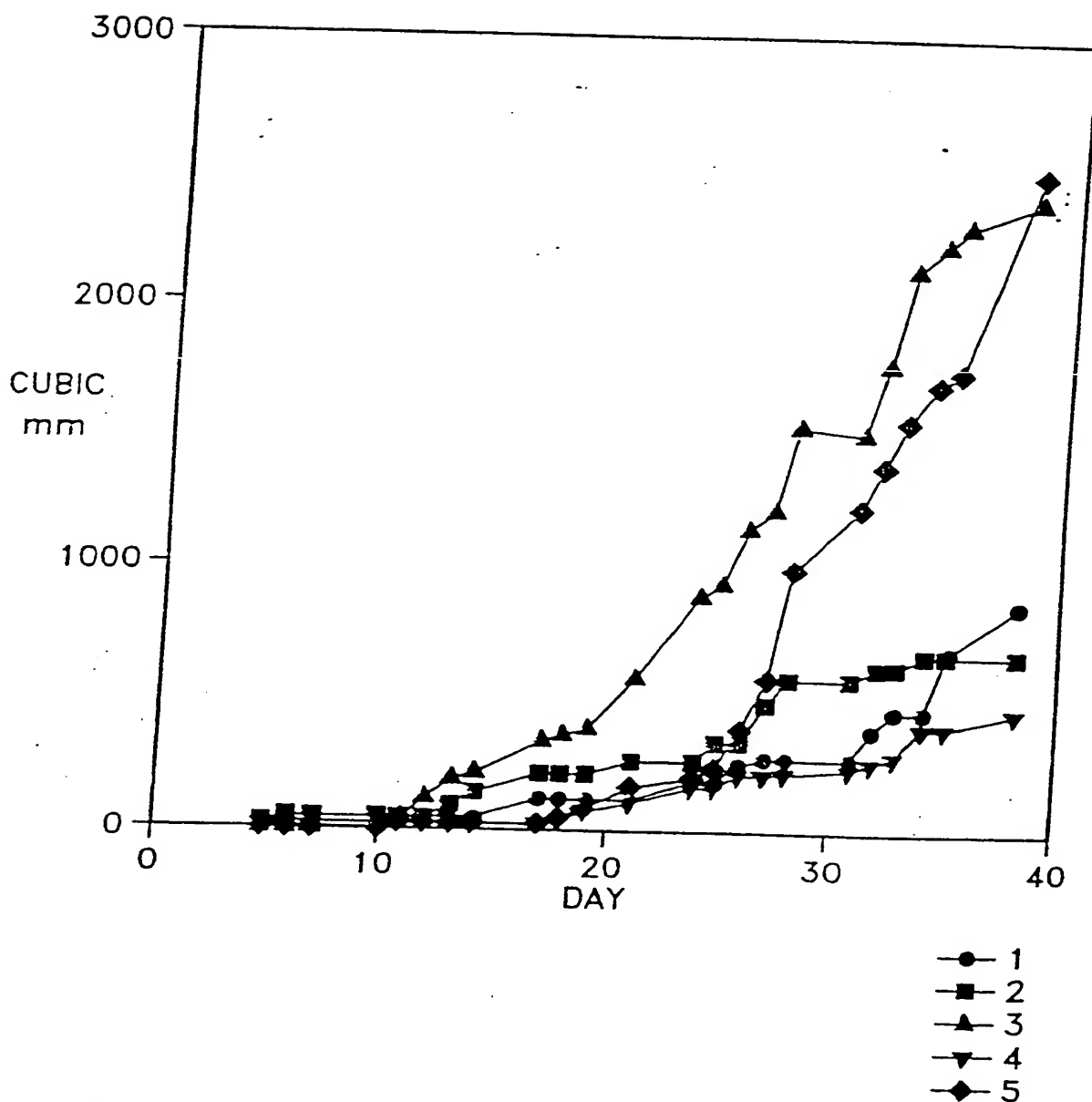
flk-1 SLOPE = 16.09

p VALUE FOR flk-1 VERSUS flk-2 TUMOR SIZE = 0.0001



FIGURE 16B

TREATMENT OF GLIOBLASTOMA  
XENOGRAPHS WITH RAT anti-flk-2 MAb



STATISTICAL ANALYSIS

flk-2 SLOPE = 37.39

p VALUE FOR flk-1 VERSUS flk-2 TUMOR SIZE = 0.0001

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FIGURE 17

